

RHODE ISLAND

Science and Engineering Profile

	R.I.	U.S.	Rank		R.I.	U.S.	Rank
Doctoral scientists, 1993	1,976	430,332	39	Total R&D performance, 1993 (millions)	\$484	\$161,427	33
Doctoral engineers, 1993	317	81,293	40	Industry R&D, 1993 (millions)	\$176	\$117,622	40
S&E doctorates awarded, 1995	178	26,482	34	Academic R&D, 1994 (millions)	\$102	\$20,573	37
of which, in life sciences	21%	24%		of which, in life sciences	31%	55%	
in engineering	19%	23%		in environmental sciences	27%	7%	
in social sciences	17%	15%		in engineering	14%	16%	
S&E postdoctorates, 1994				Higher education current-fund			
in doctorate-granting institutions	146	36,143	35	expenditures, 1993 (millions)	\$921	\$163,994	38
S&E graduate students, 1994				Number of SBIR awards, 1990-94	59	18,023	30
in doctorate-granting institutions	2,207	438,694	38	Patents issued to state residents, 1995	206	55,717	37
Population, 1995 (000s)	990	262,755	43	Gross state product, 1992 (billions)	\$21.6	\$5,994.1	45
Civilian labor force, 1995 (000s)	485	132,281	43	of which, agriculture	1%	2%	
Personal income per capita, 1995	\$23,310	\$22,788	18	manufacturing, mining, construction	23%	23%	
Federal spending				transportation, communication, utilities	6%	9%	
Total expenditures, 1995 (millions)	\$5,763	\$1,326,294	42	wholesale and retail trade	14%	16%	
R&D obligations, 1994 (millions)	\$433	\$65,654	25	finance, insurance, real estate	22%	18%	
				services	22%	20%	
				government	12%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Rhode Island by Agency and Performer: Fiscal Year 1994

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	433,488	238,837	0	116,114	57,866	18,668	2,003	25
Department of Agriculture	2,159	2	0	80	2,038	39	0	51
Department of Commerce	2,710	513	0	405	1,740	0	52	27
Department of Defense	357,060	231,923	0	113,695	11,297	145	0	19
Department of Energy	2,518	0	0	51	2,443	24	0	45
Dept. of Health & Human Services	38,774	0	0	139	20,358	16,872	1,405	32
Department of the Interior	1,700	1,247	0	0	453	0	0	47
Department of Transportation	1,046	402	0	113	0	0	531	44
Environmental Protection Agency	7,247	4,750	0	1,175	1,307	0	15	15
Nat'l Aeronautics & Space Admin.	3,589	0	0	456	2,989	144	0	37
National Science Foundation	16,685	0	0	0	15,241	1,444	0	26
State rank	25	13	na	24	34	21	37	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.